

$$J_{Out} = (\mathbf{P} \ \mathbf{QWP_2} \ ) \mathbf{SLM} \ (\mathbf{QWP_1} \ \mathbf{HWP}) \ J_{In}$$

$$I = |J_{Out}|^2 = J_{Out}^{\dagger} J_{Out} = \begin{pmatrix} J_x^* & J_y^* \end{pmatrix} \begin{pmatrix} J_x \\ J_y \end{pmatrix}$$